

Abstract of the Disclosure

A power compass saw (10) with a housing (12) that accommodates a lifting rod for the up and down movement of a longitudinal saw blade (27) attached thereto, the saw blade having a toothed side and a saw blade back (270), and with a guide roller (29) which supports the saw blade back (270) and has a central circumferential groove (290) into which the saw blade extends with its saw blade back (270) and is guided therein, whereby the sides of the circumferential groove (290) are tapered, the power compass saw functioning particularly precisely and efficiently due to the fact that the saw blade back (270) of the saw blade (27) is designed with a 7° conical configuration and/or taper on both sides, so that it tapers toward the saw blade back (270) and is capable of being supported in two dimensions in the circumferential groove (290), the groove sides (291) of which have a 5° taper.

(Figure 7)